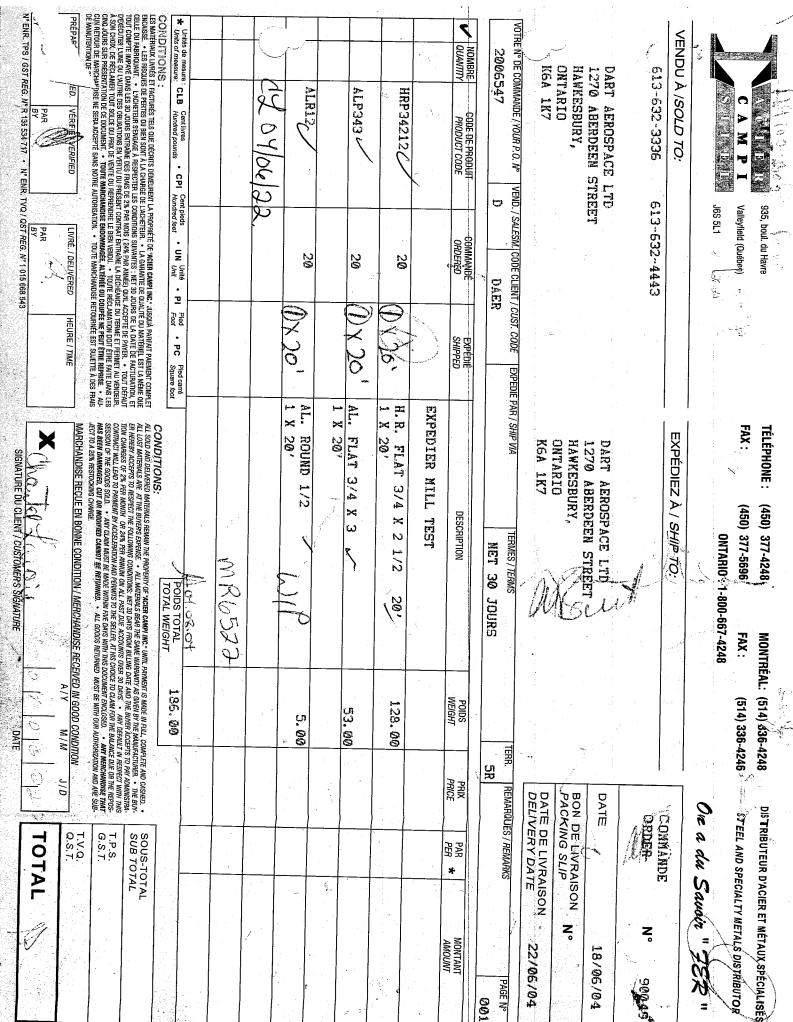
	3					: : :
		Rece	eiving Rep	ort		
	Date: <u>64/66/22</u> Supplier: <u>Goior Co</u>	mpi	Batc Dart	h No: <u>Yn</u> P/O: <u>200</u>	521 <u>1</u> 6547	
Packing S Invoice: Receipt:	Yes No Cr.		Release Note Waybill Attac Shipment Co Q.C. Inspecti	hed: mplete;	Yes No Yes No Yes W	N/A
Discrepan Part No.	Desription	Quantity	Quantity	Quantity	Quantity	Comments
		Ordered	Received	Returned	Short	
			<u>;</u>			
TSR No Production Date Received/ Initial	040621	,	Initia Accounting: Date AP/MR	als of receive	er (if shipm	ent OK) <u>C</u>





CHEMICAL AND PHYSICAL TEST REPORT MADE IN CANADA

Page

G 렃 æ

CAMBRIDGE STEEL MILL

PRODUCING MILL IS KNOWN BY HEAT ID PREFIX: B=CARTERSVILLE BB, C=CHARLOTTE, G=CARTERSVILLE, J=JACKSONVILLE, K=KNOXVILLE, 160 ORION PLACE, CAMBRIDGE, ON N1T 1R9 METALLURGICAL DEPARTMENT

N=CAMBRIDGE, O=ORRVILLE BB, P=PERTH AMBOY, S=SAYREVILLE, V=JACKSON TN, W=WHITBY

Shippers Number: N-017628

1681

SHIP TO:							
RS TRANSBEC DU HAVRE VALLEYFIELD	LES ACIERS TRANSBEC 1997 LTE ACCTS PAYABLE	SHIP DATE 04/19/04			:		
	4054 BOUL LE CORBUSLER #201	CUST. ACCOUNT NO	IT NO.				
PQ J6S 5L1 L/	LAVAL PQ H7L 5R2	60074655					
GRADE GRADE	SPECIFICATION		SALES OBDER	ᅦ	CTOMED	D	
	SI CR CU NI SN AI		, כאלבים טאלם מאלבים טאלם	-	OMER	٦ !	
ACTUAL TAG HEAT NO.		NB NB	80	ZR 11	<u>-</u> ک	¥	ပ္ပီဂ
4 44W	CSA-G40.21-300W-98(44W); ASTM A36/A36M-01		010621	2	VC3		- EW
N4-1774 4040315 .18 .77 .010	.003 .23 .08 .27 .09 .013 .001	043	000 000	001 0201-1024	1724		 د
YIELD PT LBS/SQ IN: 49696; TENSIL LBS/SQ IN: 73678; % ELONG 8 IN: 26.5; BEND; DEF; % LIGHT METRIC EQUIVALENT: YIELD = 342.64 MPA; TENSILE = 507.99 MPA; %FLONG /200MM=28.5, DEF; % LIGHT MATERIAL EQUIVALENT: YIELD = 342.64 MPA; TENSILE = 507.99 MPA; %FLONG /200MM=28.5, DEF; % LIGHT MATERIAL EQUIVALENT: YIELD = 342.64 MPA; TENSILE = 507.99 MPA; %FLONG /200MM=28.5, DEF; % LIGHT MATERIAL EQUIVALENT: YIELD = 342.64 MPA; TENSILE = 507.99 MPA; %FLONG /200MM=28.5, DEF; % LIGHT MATERIAL EQUIVALENT: YIELD = 342.64 MPA; TENSILE = 507.99 MPA; %FLONG /200MM=28.5, DEF; % LIGHT MATERIAL EQUIVALENT: YIELD = 342.64 MPA; TENSILE = 507.99 MPA; %FLONG /200MM=28.5, DEF; % LIGHT MATERIAL EQUIVALENT: YIELD = 342.64 MPA; TENSILE = 507.99 MPA; %FLONG /200MM=28.5, DEF; % LIGHT MATERIAL EQUIVALENT: YIELD = 342.64 MPA; TENSILE = 507.99 MPA; %FLONG /200MM=28.5, DEF; % LIGHT MATERIAL EQUIVALENT: YIELD = 342.64 MPA; TENSILE = 507.99 MPA; %FLONG /200MM=28.5, DEF; % LIGHT MATERIAL EQUIVALENT: YIELD = 342.64 MPA; TENSILE = 507.99 MPA; %FLONG /200MM=28.5, DEF; % LIGHT MATERIAL EQUIVALENT: YIELD = 342.64 MPA; TENSILE = 507.99 MPA; %FLONG /200MM=28.5, DEF; % LIGHT MATERIAL EQUIVALENT: YIELD = 342.64 MPA; YIELD = 342.64 MPA; YIELD = 507.99 MPA; %FLONG /200MM=28.5, DEF; % LIGHT MATERIAL EQUIVALENT: YIELD = 342.64 MPA; YIELD = 507.99 MPA; %FLONG /200MM=28.5, DEF; % LIGHT MATERIAL EQUIVALENT: YIELD = 342.64 MPA; YIELD = 342.	BEND:; DEF:; % LIGHT/HEAVY:		.0000	.001			
F 1/2 X 4 CSA-G40 21-30	CSA-G40 21-300W-98/44WV: ASTM A 36/A36M 64			בטטכווט	REDUCTION RATIO: 12.5:1	12.5:1	
N4-1774 4040315 .18 .77 .010	27 00 013 001	043		CA14524	4524		:
YIELD PT LBS/SQ IN: 49709; TENSIL LBS/SQ IN: 73466; % ELONG 8 IN: 25.5; METRIC EQUIVALENT: YIELD = 342 73 MPA: TENSIL E = 506 53 MPA: WELDING	BEND: DEF: , % LIGHT/HEAVY:		0000	.00			ي.
= 5/8 X 3 4/W CSA-G40.21-30	CSA-G40.21-300W-98(44W): ASTM A36/A36M-01			EDUCTION	REDUCTION RATIO: 12.5:1	12.5:1	
.22	.028 .003 .19 .06 .37 .10 .013 .002 .042		001 0000	001	+324		<u> </u>
METRIC EQUIVALENT: YIELD = 351.96 MPA; TENSILE = 517.03 MPA; %ELONG /200MM=24.0 DEF; % LIGH	T/HEAVY:						
X3 44W CSA-G40.21-30	CSA-G40.21-300W-98(44W): ASTM A3R/A3RM-01			DUCTION	REDUCTION RATIO: 13.3:1	13.3:1	
.22	37 10 013 003		_	CA14524	524		
/IELD PT LBS/SQ IN: 49929; TENSIL LBS/SQ IN: 74959; % ELONG 8 IN: 24.5; BEND:; DEF;; % IELD PT LBS/SQ IN: 49929; TENSIL LBS/SQ IN: 74959; % ELONG 8 IN: 24.5; BEND:; DEF;; %	6 LIGHT/HEAVY:		.0000	.001			.40
34 X2 42 CSA-G40.21-44					REDUCTION RATIO: 13.3:1	3.3:1	
.20	.043 .028 .22 .11 .22 .09 .008 .002 .029		000 000	001102			3
IETRIC EQUIVALENT: YIELD = 371.76 MPA; TENSILE = 538.71 MPA; %ELONG./200MM=28.5 DEF; % LIGH	T/HEAVY:			·00E	-		
3/4 X 2 1/2 44W CSA-G40.21-44V	CSA-G40.21-44W/50W-98; ASTM A36M-01				REDUCTION RATIO: 13.3:1	3.3:1	
3-6752 3111120 .20 .76 .008	.043 .023 .22 .11 .22 .09 .008 .002 .029		.0000	.002			ည္အ
TETRIC EQUIVALENT: YIELD = 368.60 MPA; TENSILE = 536.76 MPA; %ELONG./200MM=27.0 DEF: MM	l: 27.0; BEND:; DEF:; % LIGHT/HEAVY; .ELONG./200MM=27.0 DEF: = MM						
			Ā	DUCTION	REDUCTION RATIO: 13.3:1	3.3:1	

 \int including the billets, was produced and

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A. J. Turner
Quality Assurance Manager
Mill Group

Occuser

THE ABOVE FIGURES ARE CERTIFIED EXTRACTS FROM THE ORIGINAL CHEMICAL AND PHYSICAL TEST REPORT AS CONTAINED IN THE PERMANENT RECORDS OF THE COMPANY.

CUSTOMER ORDER NO.: N15670 CUSTOMER PART NO: V830942



MILL TEST REPORT

CUSTOMER:

ACIER CAMPI INC. 935, boul. du Hâvre Valleyfield, Québec J6S 5L1

SAMPLE (S) OF ALUMINUM

REPORT: 28133

DIE NO. S-2313

DESCRIPTION 34" X 3" FLAT BAR

AL. ALLOY & TEMPER 6061/T6511

EXTRUDEX ORDER NO. 58553-1-A.11

SPECIFICATION ASTM B221

SILICON % 0.61 **IRON %** 0.19 COPPER % 0.224 MANGANESE % 0.06 **MAGNESIUM %** 0.85 **CHROMIUM %** 0.062 ZINC % 0.013 **TITANIUM %** 0.013

ALUMINUM % REMAINDER
ALLOY TYPE % 6061
ALLOY CAST NO. 31387
YIELD STREGTH (IN ksi) 39.4
TENSILE STREGTH (IN ksi) 44.7

ELONGATION % IN 2" 13.0

HARDNESS (ROCKWELL 'F') 89.6 88.9 89.0

F. ABING

(LAB-TECH.)

DATE: OCT-31-03

CUSTOMER ORDER NO.: N15797

CUSTOMER PART NO: V810532



MILL TEST REPORT

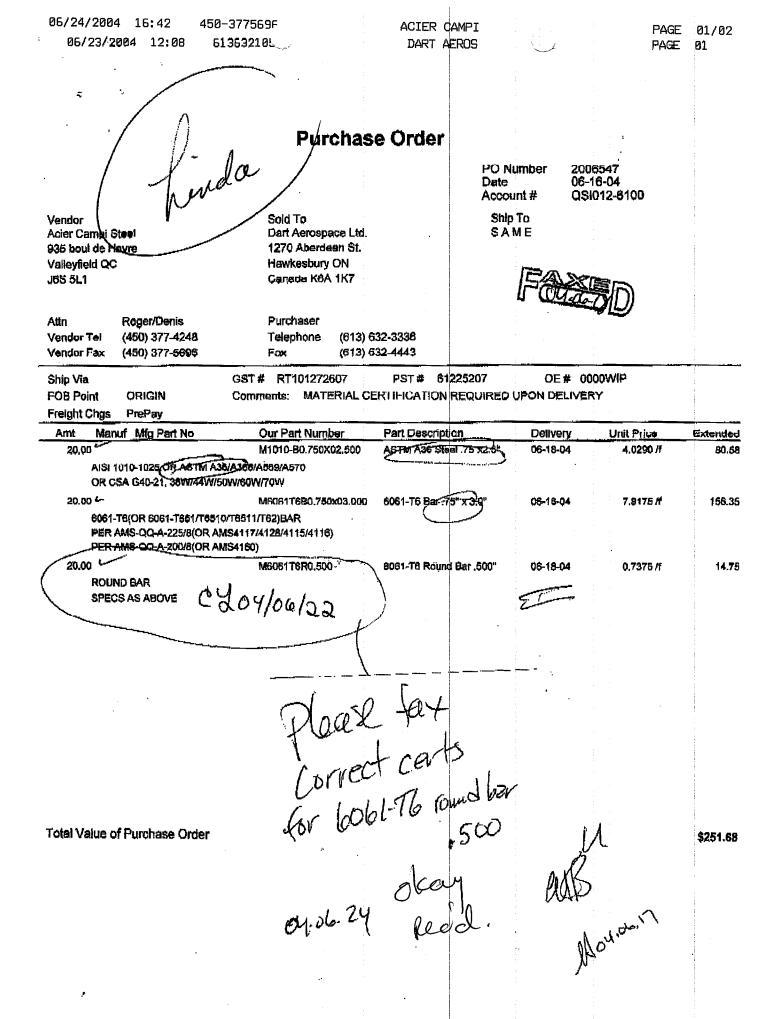
CUSTOMER:

ACIER CAMPI INC. 935, boul. du Hâvre Valleyfield, Québac J6S 5L1

SAMPLE (S) OF ALUMINUM		
DIE NO.	S-2162	
DESCRIPTION	1/2" ROD BAR	
AL. ALLOY & TEMPER	6061/T65+1	
EXTRUDEX ORDER NO.	59663-3-A.11	
SPECIFICATION	ASTM B221	
SILICON % IRON % COPPER % MANGANESE % MAGNESIUM % CHROMIUM % ZINC % TITANIUM % ALUMINUM % ALLOY TYPE % ALLOY CAST NO. YIELD STREGTH (IN ksi) TENSILE STREGTH (IN ksi)	0.60 0.17 0.21 0.01 0.86 0.07 0.01 0.01 REMAINDER 6061 2B3883 38.7 45.4	
ELONGATION % IN 2"	16.0	
HARDNESS (ROCKWELL 'F')	88.4 88.9 88.6	

F. TABING (LAB-TECH.) DATE: DEC-23-03

REPORT: 28880



Purchase Order

Vendor

Acier Campi Steel

935 boul de Havre

Valleyfield QC

J6S 5L1

Sold To

Dart Aerospace Ltd.

1270 Aberdeen St.

Hawkesbury ON

Canada K6A 1K7

RT101272607

Attn Roger/Denis

Vendor Tel (450) 377-4248 Purchaser

Telephone

(613) 632-3336

(450) 377-5696 Fax (613) 632-4443

Ship Via

Vendor Fax

GST# **ORIGIN**

PST# 61225207 OE# 0000WIP

2006547

06-16-04

QSI012-6100

PO Number

Account #

Ship To

SAME

Date

FOB Point

MATERIAL CERTIFICATION REQUIRED UPON DELIVERY Comments:

Freight Chgs PrePav

Amt Manuf Mfg Part No	Our Part Number	Part Description	Delivery	Unit Price	Extended
20.00	M1010-B0.750X02.500	ASTM A36 Steel .75"x2.5"	06-18-04	4.0290 /f	Extended 80.58
AISI 1010-1025 OR ASTM A OR CSA G40-21, 38W/44W			' :		00.00
20.00 6061-T6(OR 6061-T651/T65 PER AMS-QQ-A-225/8(OR A PER AMS-QQ-A-200/8(OR A	AMS4117/4128/4115/4116)	6061-T6 Bar-75" X 3:0"	06-18-04	7.8175 /f	156.35
20.00 ROUND BAR	M6061T6R0.500 LOY/06/22	6061-T6 Round Bar .500"	06-18-04	0.7375 /f	14.75

Total Value of Purchase Order

Placel fax
Correct carts
Correct carts
For bobl-76 round bar
500

04.06.24

\$251.68

Mourob. 7





May 11, 04 6:10:55 PM

CHEMICAL ANALYSIS

935, boul. du Havre Valleyfield, Québec

Ship To:	<u> </u>		· · · · · · · · · · · · · · · · · · ·	<u> </u>
Sold To:			- 	

Load No.	Cust PO No.	Cust Part No.	item#	Desc.	Quantity
0490511009	C43235	V714161 ;	30500R003	CFB 12L14 R 1/2" 12'	5,876

Chemical Test Report

Heat No.	С	Mn	Р	s	Si	Pb	Sn	Bi	Cu	Ni	Cr	Mo	N	Al	Te	٧	В
N51566	0.0650	1.1010	0.0530	0.3340	0.0080	0.2610	0.0000	0.0000	0.0450	0.0250	0.0850	0.0100	0.0040	0.0000	0.0000	0.0000	0.0000
1451500											•	· · · · · · · · · · · · · · · · · · ·					

Meets ASTM A108-99 Specification

Mercury Free

Quality Manager

P.O. BOX 5095 • 5400 HARVESTER ROAD • BURLINGTON, ONTARIO, CANADA L7R 3Y8 • TEL: 905-681-6811 • FAX: 905-634-7888 • www.laurelsteel.com

運送的 衛子養田若姓 DÍSTRIBUTEUR D'ACIER ET MÉTAUX SPÉCIALISÉS 67,15 156, 35 22.31 200798 80.58 14.75 PAGENP 318,83 6.80 341.14 STEEL AND SPECIALTY METALS DISTRIBUTOR 15/05/04 16/06/04 On a du Savoir "FER ž PACKING SLIP DATE DE LIVRAISON DELIVERY DATE SOUS-TOTAL SUB TOTAL SOUNISSION ENTARQUES / REMARKS TOTAL CLB CLB CLB CLB T.P.S. 0.S.7– 62, 950 DATE 395. **ø00** 295. 000 295, 000 52 MONTRÉAL: (514) 336-4248 (514) 336-4246 128 13 ရှိ S Ξ. ONTARIO: 1-800-667-4248 关 NET 30 JOURS ġ DART AEROSPACE LTD 1270 ABERDEEN STREET (450) 377-4248 (450) 377-5696 EXPEDIEZ A | SHIP TO H. R. FLAT 3/4 X 2 1/2 1 X 20' DESCRIPTION S. S. 303 ROUND 1/2 HAWKESBURY, ONTARIO KGA 1K7 2 X 12' R.L. AL. FLAT 3/4 X AL. ROUND 1/2 TÉLÉPHONE : 1 X 20° 1 X 20° ΕX Pind Pind Pedestra VEND: / SALESM CODE DIENT/ZUST CODE

D DAER DART AEROSPACE LTD
1270 ABERDEEN STREET
HAWKESBURY,
ONTARIO COMMANDE 935, boul. du Havra Valleyfield (Québec) 8 # CH 20 8 JES 5E.1 CODE DE PRODUIT PRODUCT CODE I VOTRE Nº DE CÓMMANDE / YQUE P.O. Nº VENDU A ISOLD TO: HRP34212 SSR30312 ALP343 ALR12 THE CLB CHALL KEA 1K7 NOMBRE QUANTITY 9699275-024 7 = ^ 002/51/90 ACIER CAMPI

6T:4T